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**Amendments to the Specification:**

Please replace Table 1 at page 7, line 21 through page 8, line 9 with the following amended Table 1. As portions of the text in Table 1 were presented as underlined text in the as-filed specification, all amendments made herein have been presented as double-underlined text.

**Table 1: MSF amino acid sequence (SEQ ID NO:1)**

MAWKTLPYLLLLL~~S~~VFIQQVSSQDLSSCAGRCGEGYSRDA~~T~~CNC~~D~~YNCQHYMECCP  
DFKRVCTAEL~~S~~C~~K~~GRCFESFERGRECDCDAQCKKYDKCCPDYESFCAEVHNPTSPSSK  
KAPPPSGASQT~~I~~KSTTKRSPKPPNKKTKK~~VIESEEITEH~~SVSENQESSSSSSSSSSSTIW  
KIKSSKNSAANRELQKKLKVKDNKKNRTKKPTPKPPVVDEAGSGLDNGDFKVTPDT  
STTQHNKVSTSPKITTAKPINPRPSLPPNSDTSKETSLTVNKETTVETKETTTNKQTSTD  
GKEKTTSAKETQSIEKTSAKDLAPTSKVLAKPTPKAETTTKGPA~~L~~TPKEPTPTPKEPAS  
TPPKEPTPTT~~I~~KSAPTPKEAPTTKSAPTPKEAPTTKE~~P~~APTPKEAPTTKEAP~~T~~  
TTKSAPTPKEAPTPKKPAPTPKEAPTPKEAPTPKEAPTTKEAPTPKEAP  
APKKPAPTPKEAPTPKEAPTTKEPSPTPKEAPTTKSAPTTKEAP~~T~~TTKSAP~~T~~  
TPKEPSPTTKEAPTPKEAPTPKKPAPTPKEAPTPKEAPTTKEAPTTKKPAPTAKEPA  
PTPKEATPTPKKL~~T~~PTPEKLA~~T~~PTPEELAPTTPEEPTPTPEEPAPTPKAA  
APNTPKEAPTPKEAPTPKEAPTPKEAPTPKETAPTPKG~~A~~PTTLKEAPTPKKPAPKEL  
APTTTKEPTSTSDKPAPTPKGTAPTPKEAPTPKEAPTPKG~~A~~PTTLKEAPTPK  
K~~A~~PA~~K~~KELA~~T~~TTKG~~P~~STS~~D~~KPAPTPKETAPTPKEAPTPKKPAPTP~~E~~PTPPPTSEV  
STPTTTKEPTTIIHKSPDESTPELSAEPTPKALENSPKEPGVPTTKTPAATKPEMTTAKDK  
TTERDLRTPETTTAAPKMTKETATT~~E~~KTTE~~S~~KITATTQVT~~TT~~QD~~T~~TPFKIT~~L~~KTT  
TLAPKVTTTKKTT~~I~~TEIMNKPEETAKPKDRATNSKATT~~P~~KPQKPTKAPKKPTSTKKP~~K~~  
MPRVRKP~~K~~TTPTPRKMTSTMPELNPTSRIA~~E~~AMLQTT~~R~~PNQTPNSKLVEVNPKSEDAG  
GAEGETPHMLLRPHVFMPEVTPDMDYL~~P~~RV~~P~~NQ~~G~~IIINPMLSDETNICNGKPVDGLTTLR  
NGTLVAFRGHYFWMLSPFSPPSPARRITEVWGIPSPIDTVFTRCNCEGKTFFKDSQYWR  
FTNDIKDAGYPKPIFKGF~~G~~GLTGQIV~~A~~ALSTAKYKNWPESVYFFKRGGSIQQYIYKQE~~P~~V  
QKCPGRRPALNYPVY~~G~~EMTQVRRRFERAIGPSQTHIRIQYSPARLAYQDKGVLHNEV  
KVSILWRGLPNVVTSAISLPNIRKPDGYDYYAFSKDQYYNIDVPSRTARA~~I~~TRSGQTLS  
KWWYNCP (SEQ ID NO:1)

Please replace Table 2 at pages 8-10 with the following amended Table 2. As portions of the text in Table 2 were presented as underlined text in the as-filed specification, all amendments made herein have been presented as double-underlined text.

**Table 2: MSF cDNA (SEQ ID NO:2)**

1	gcggccgcga	ctattcggt <del>a</del>	cctgaaaaca	acgatggcat	ggaaaaacact	tcccatttac
61	ctgttgtgc	tgctgtctgt	tttcgtgatt	cagcaagt <del>t</del>	catctcaaga	tttatcaagc
121	tgtgcaggga	gatgtgggg <del>a</del>	agggtattct	agagatgcca	cctgcaactg	tgattataac
181	tgtcaacact	acatggagtg	ctgccctgat	ttcaagagag	tctgcaactgc	ggagcttcc

241	tgtaaaggcc	gctgc <del>tt</del> ga	gtc <del>c</del> tcgag	agagggaggg	agtgtgactg	cgacgccaa
301	tgtaaaagt	atgacaagt <del>g</del>	ctgtccc <del>g</del> at	tatgagagtt	tctgtgcaga	agtgcataat
361	ccccacatcac	caccatctc	aaagaaagca	cctccac <del>tt</del>	caggagcatc	tcaaaccatc
421	aatcaacaa	ccaaacgttc	acccaaacca	ccaaacaaga	agaagactaa	gaaagtata
481	gaatcagagg	aaataacaga	agaacattct	gttctgaaa	atcaagagt	ctcctctcc
541	tcctcctt	cctcttc	ttcaacaatt	tggaaaatca	agtttccaa	aaattcagct

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601	gctaata <u>gag</u>	aattacagaa	gaaactcaaa	<u>gtaaaagata</u>	acaagaagaa	cagaactaaa
661	<u>aagaaaccta</u>	<u>cccccaaacc</u>	<u>accagttgt</u>	<u>gatgaagctg</u>	<u>gaagtggatt</u>	<u>ggacaatgg</u>
721	<u>gacttcaagg</u>	<u>tcacaactcc</u>	<u>tgacacgtct</u>	<u>accacccaaac</u>	<u>acaataaaagt</u>	<u>cagcacatct</u>
781	<u>cccaagatca</u>	<u>caacagcaaa</u>	<u>accaataaaat</u>	<u>cccagaccca</u>	<u>gttccacc</u>	<u>taattctgat</u>
841	<u>acatctaaag</u>	<u>agacgtctt</u>	<u>gacagtgaat</u>	<u>aaagagacaa</u>	<u>cagttgaaac</u>	<u>taaagaaact</u>
901	<u>actacaacaa</u>	<u>ataaacagac</u>	<u>ttcaactgat</u>	<u>gaaaaagaga</u>	<u>agactacttc</u>	<u>cgctaaagag</u>
961	<u>acacaaagt</u>	<u>tagagaaaac</u>	<u>atctgctaaa</u>	<u>gatttagcac</u>	<u>ccacatctaa</u>	<u>agtgcgtgg</u>
1021	<u>aaacctacac</u>	<u>ccaaagctga</u>	<u>aactacaacc</u>	<u>aaaggccctg</u>	<u>ctctcaccac</u>	<u>tcccaaggag</u>
1081	<u>cccacgccc</u>	<u>ccactccaa</u>	<u>ggagcctgca</u>	<u>tctaccacac</u>	<u>ccaaagagcc</u>	<u>cacacctacc</u>
1141	<u>accatcaagt</u>	<u>ctgcacccac</u>	<u>cacccccaag</u>	<u>gagcctgcac</u>	<u>ccaccaccac</u>	<u>caagtcgtca</u>
1201	<u>cccaccactc</u>	<u>ccaaggaggc</u>	<u>tgaacccacc</u>	<u>accaccaagg</u>	<u>agcctgcacc</u>	<u>caccactccc</u>
1261	<u>aaggagcctg</u>	<u>cacccaccac</u>	<u>caccaaggag</u>	<u>cctgcaccca</u>	<u>ccaccaccaa</u>	<u>gtctgcaccc</u>
1321	<u>accactccca</u>	<u>aggagcctgc</u>	<u>acccaccacc</u>	<u>cccaagaagc</u>	<u>ctgccccaaac</u>	<u>taccccaag</u>
1381	<u>gagcctgcac</u>	<u>ccaccactcc</u>	<u>caaggagcgc</u>	<u>acacccacca</u>	<u>ctcccaagga</u>	<u>gcctgcaccc</u>
1441	<u>accaccaagg</u>	<u>agcctgcacc</u>	<u>caccaactccc</u>	<u>aaagagctt</u>	<u>cacccactgc</u>	<u>ccccaaagaag</u>
1501	<u>cctgccccaa</u>	<u>ctacccccaa</u>	<u>ggagcctgca</u>	<u>cccaccactc</u>	<u>ccaaaggagcc</u>	<u>tgcacccacc</u>
1561	<u>accaccaagg</u>	<u>agccttcacc</u>	<u>caccaactccc</u>	<u>aaggagcctg</u>	<u>cacccaccac</u>	<u>caccaagctc</u>
1621	<u>gcacccacca</u>	<u>ctaccaagga</u>	<u>gcctgcaccc</u>	<u>accactacca</u>	<u>agtctgcacc</u>	<u>caccactccc</u>
1681	<u>aaggagcctt</u>	<u>cacccaccac</u>	<u>caccaaggag</u>	<u>cctgcaccca</u>	<u>ccactccaa</u>	<u>ggagcctgca</u>
1741	<u>cccaccaccc</u>	<u>ccaagaagcc</u>	<u>tgcccaact</u>	<u>acccccaagg</u>	<u>agcctgcacc</u>	<u>caccactccc</u>
1801	<u>aaggaacctg</u>	<u>cacccaccac</u>	<u>caccaagaag</u>	<u>cctgcagcca</u>	<u>ccgctcccaa</u>	<u>agagcctgcc</u>
1861	<u>ccaactaccc</u>	<u>ccaaggagac</u>	<u>tgcccccacc</u>	<u>acccccaaga</u>	<u>agctcacgcc</u>	<u>caccacccccc</u>
1921	<u>gagaagctcg</u>	<u>cacccaccac</u>	<u>ccctgagaag</u>	<u>cccgacccca</u>	<u>ccacccctga</u>	<u>ggagctcgca</u>
1981	<u>cccaccaccc</u>	<u>ctgaggagcc</u>	<u>cacacccacc</u>	<u>acccctgagg</u>	<u>agcctgctcc</u>	<u>caccactccc</u>
2041	<u>aaggcagcgg</u>	<u>ctcccaacac</u>	<u>ccctaaggag</u>	<u>cctgctccaa</u>	<u>ctacccctaa</u>	<u>ggagcctgct</u>
2101	<u>ccaactaccc</u>	<u>ctaaggagcc</u>	<u>tgctccaact</u>	<u>acccctaagg</u>	<u>agactgctcc</u>	<u>aactacccct</u>
2161	<u>aaaggactg</u>	<u>ctccaactac</u>	<u>cctcaaggaa</u>	<u>cctgcaccca</u>	<u>ctactccaa</u>	<u>gaaggcctgcc</u>
2221	<u>tccaaggagc</u>	<u>ttgcacccac</u>	<u>caccaccaag</u>	<u>gagcccat</u>	<u>ccaccaccc</u>	<u>tgacaagccc</u>
2281	<u>gctccaacta</u>	<u>cccctaaggg</u>	<u>gactgctcca</u>	<u>actaccccta</u>	<u>adgadctgc</u>	<u>tccaactacc</u>
2341	<u>cctaaggagc</u>	<u>ctgctccaac</u>	<u>tacccctaag</u>	<u>gggactgctc</u>	<u>caactaccct</u>	<u>caaggaacct</u>
2401	<u>gcacccacta</u>	<u>ctcccaagaa</u>	<u>gcctcccccc</u>	<u>aaggagctt</u>	<u>cacccaccac</u>	<u>caccaagggg</u>
2461	<u>cccacatcca</u>	<u>ccacctctga</u>	<u>caagcctgct</u>	<u>ccaactacac</u>	<u>ctaaggagac</u>	<u>tgctccaact</u>
2521	<u>accccaagg</u>	<u>agcctgcacc</u>	<u>cactacccccc</u>	<u>aagaaggctg</u>	<u>ctccaactac</u>	<u>tcctgagaca</u>
2581	<u>cctcctccaa</u>	<u>ccacttcaga</u>	<u>ggtctctact</u>	<u>ccaactacca</u>	<u>ccaggagacc</u>	<u>taccactatc</u>
2641	<u>cacaaaagcc</u>	<u>ctgtatgaatc</u>	<u>aactcctgag</u>	<u>ctttctgcag</u>	<u>aacccacacc</u>	<u>aaaagctt</u>
2701	<u>gaaaacagtc</u>	<u>ccaaggaacc</u>	<u>tggtgtacct</u>	<u>acaactaaga</u>	<u>ctcctgcagc</u>	<u>gactaaacct</u>
2761	<u>gaaatgacta</u>	<u>caacagctaa</u>	<u>agacaagaca</u>	<u>acagaaagag</u>	<u>acttacgtac</u>	<u>tacacactgaa</u>
2821	<u>actacaactg</u>	<u>ctgcaccta</u>	<u>gatgacaaaa</u>	<u>gagacagcaa</u>	<u>ctacaacaga</u>	<u>aaaaactacc</u>

2881	<u>gaatccaaaa</u>	<u>taacagctac</u>	<u>aaccacacaa</u>	<u>gtaacatcta</u>	<u>ccacaactca</u>	<u>agataccaca</u>
2941	<u>ccattcaaaa</u>	<u>ttactactct</u>	<u>taaaaacaact</u>	<u>actcttgcac</u>	<u>ccaaaggtaac</u>	<u>tacaacaaaa</u>
3001	<u>aagacaatta</u>	<u>ctaccactga</u>	<u>gattatgaac</u>	<u>aaacctgaag</u>	<u>aaacagctaa</u>	<u>accaaaagac</u>
3061	<u>agagctacta</u>	<u>attctaaagc</u>	<u>gacaactcct</u>	<u>aaacctcaaa</u>	<u>agccaaccaa</u>	<u>agcacccaaa</u>
3121	<u>aaacccactt</u>	<u>ctacccaaaaa</u>	<u>gccaaaaaca</u>	<u>atgctcagag</u>	<u>tgagaaaaacc</u>	<u>aaagacgaca</u>
3181	<u>ccaactcccc</u>	<u>gcaagatgac</u>	<u>atcaacaatg</u>	<u>ccagaattga</u>	<u>aaccctacctc</u>	<u>aagaatagca</u>
3241	<u>gaagccatgc</u>	<u>tccaaaccac</u>	<u>caccagacct</u>	<u>aaccaaactc</u>	<u>caaactccaa</u>	<u>actagttgaa</u>
3301	<u>gtaaatccaa</u>	<u>agagtgaaga</u>	<u>tgcaggtgg</u>	<u>gctgaaggag</u>	<u>aaacacctca</u>	<u>tatgcttc</u>
3361	<u>aggccccatg</u>	<u>tgttcatgcc</u>	<u>tgaagttact</u>	<u>cccgcacatgg</u>	<u>attacttacc</u>	<u>gagagtaccc</u>
3421	<u>aatcaaggca</u>	<u>titatcatcaa</u>	<u>tcccatgctt</u>	<u>tccgatgaga</u>	<u>ccaatatatg</u>	<u>ccatggtaa</u>
3481	<u>ccagtagatg</u>	<u>gactgactac</u>	<u>tttgcgaat</u>	<u>gggacattag</u>	<u>ttgcattccg</u>	<u>aggtcattat</u>
3541	<u>ttctggatgc</u>	<u>taagtccatt</u>	<u>cagtccacca</u>	<u>tctccagctc</u>	<u>gcagaattac</u>	<u>tgaagtttg</u>
3601	<u>ggtattcctt</u>	<u>cccccattga</u>	<u>tactttttt</u>	<u>actaggtgca</u>	<u>actgtgaagg</u>	<u>aaaaactttc</u>
3661	<u>ttcttaaagg</u>	<u>attctcagta</u>	<u>ctggcgffff</u>	<u>accaatgata</u>	<u>taaaagatgc</u>	<u>agggtacccc</u>
3721	<u>aaaccaattt</u>	<u>tcaaaggatt</u>	<u>tggaggacta</u>	<u>actggacaaa</u>	<u>tagtgcagc</u>	<u>gctttcaaca</u>
3781	<u>gctaaatata</u>	<u>agaactggcc</u>	<u>tgaatctgt</u>	<u>tatttttca</u>	<u>agagaggtgg</u>	<u>cagcattcag</u>
3841	<u>cagtatattt</u>	<u>ataaacagga</u>	<u>acctgtacag</u>	<u>aagtgcctg</u>	<u>gaagaaggcc</u>	<u>tgctctaaat</u>
3901	<u>tatccagtgt</u>	<u>atggagaaat</u>	<u>gacacagggt</u>	<u>aggagacgtc</u>	<u>gctttgaacg</u>	<u>tgctatagga</u>
3961	<u>ccttctcaaa</u>	<u>cacacaccat</u>	<u>cagaattcaa</u>	<u>tattcacctg</u>	<u>ccagactggc</u>	<u>ttatcaagac</u>
4021	<u>aaagggtgtcc</u>	<u>ttcataatga</u>	<u>agttaaagtg</u>	<u>agtatactgt</u>	<u>ggagaggact</u>	<u>tccaaatgtg</u>
4081	<u>gttacctcag</u>	<u>ctatatcact</u>	<u>gcccaacatc</u>	<u>agaaaacctg</u>	<u>acggctatga</u>	<u>ttactatgcc</u>
4141	<u>ttttctaaag</u>	<u>atcaatacta</u>	<u>taacattgat</u>	<u>gtgcctagta</u>	<u>gaacagcaag</u>	<u>agcaattact</u>
4201	<u>actcgltctg</u>	<u>ggcagacctt</u>	<u>atccaaagtc</u>	<u>tggtacaact</u>	<u>gtccctagac</u>	<u>tgatgagcaa</u>
4261	<u>aggaggagtc</u>	<u>aactaatgaa</u>	<u>gaaatgaata</u>	<u>ataaaatttg</u>	<u>acactgaaaa</u>	<u>acattttatt</u>
4321	<u>aataaaagaat</u>	<u>attgacatga</u>	<u>gtataccagt</u>	<u>ttatataataa</u>	<u>aaatgtttt</u>	<u>aaacttgaca</u>
4381	<u>atcattacac</u>	<u>taaaacagat</u>	<u>ttgataatct</u>	<u>tattcacagt</u>	<u>tgttattgtt</u>	<u>tacagaccat</u>
4441	<u>ttaattaata</u>	<u>ttccctctgt</u>	<u>ttattcctcc</u>	<u>tctccctccc</u>	<u>attgcattgc</u>	<u>tcacacctgt</u>
4501	<u>aaaagaaaaa</u>	<u>agaatcaaat</u>	<u>tgaatatact</u>	<u>ttttaagaat</u>	<u>tcaaaactag</u>	<u>tgtattact</u>
4561	<u>taccctagt</u>	<u>cattataaaa</u>	<u>aatatctagg</u>	<u>cattgtggat</u>	<u>ataaaactgt</u>	<u>tgggtattct</u>
4621	<u>acaactcaa</u>	<u>tggaaattat</u>	<u>tacaaggaga</u>	<u>ttaatccctc</u>	<u>tttttgtgac</u>	<u>acaagtacaa</u>
4681	<u>tctaaaagtt</u>	<u>atattggaaa</u>	<u>acatggaaat</u>	<u>attaaaattt</u>	<u>tacactttt</u>	<u>ctagctaaaa</u>
4741	<u>cataatcaca</u>	<u>aagctttatc</u>	<u>gtgttgtata</u>	<u>aaaaaattaa</u>	<u>caatataatg</u>	<u>gcaataggt</u>
4801	<u>gagatacaac</u>	<u>aaatgaatat</u>	<u>aacactataa</u>	<u>cacttcatat</u>	<u>tttccaaatc</u>	<u>ttaatttgg</u>
4861	<u>ttaaggaag</u>	<u>aaatcaataa</u>	<u>atataaaata</u>	<u>taagcacata</u>	<u>tttatttat</u>	<u>atctaaggta</u>
4921	<u>tacaaatctg</u>	<u>tctacatgaa</u>	<u>gtttacagat</u>	<u>tggtaaatat</u>	<u>catctgctca</u>	<u>acatgttaatt</u>
4981	<u>atthaataaa</u>	<u>actttggaac</u>	<u>attaaaaaaa</u>	<u>taaattggag</u>	<u>gcttaaaaaaa</u>	<u>aaaaaaaaaa</u>
5041	a (SEQ ID NO:2)					